

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10540006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/22 16:19
S3	18	((GEORGE) near2 (GRECH)).INV.	US-PGPUB; USPAT	OR	ON	2009/07/22 16:21
S4	82	((MICHAEL) near2 (FRITZ)).INV.	US-PGPUB; USPAT	OR	ON	2009/07/22 16:23
S5	52632	("4").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 16:24
S6	4	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/22 16:24
S7	26	("2068406"   "3308481"   "3599248"   "3860973"   "5906011"   "6848723").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/22 16:26
S8	1	("5933882").PN.	USPAT; USOCR	OR	OFF	2009/07/23 10:13
S9	2	"5906011"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/23 10:24
S10	5	"3308481".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/23 10:25
S11	343	"common actuator" and "first position"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/23 11:23
S12	59076	"4"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/23 11:23
S13	1	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/23 11:23

S14	24	("0209870"   "2302695"   "3038170"   "3184761"   "3191906"   "3214133"   "3214772"   "3217337"   "3308481"   "3397861").PN. OR ("3599248").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/23 11:24
S15	613	4/420.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/27 14:46
S16	28	("3340545"   "3835479"   "3851339"   "3860973"   "4075718"   "4581779"   "4637079"   "4710988"   "4713847"   "4918764"   "4926508"   "5010602"   "5073994"   "5121511"   "5123124"   "5715544"   "5875499"   "5898956"   "6070276"   "6076200"   "6145138"   "6397405").PN. OR ("6584623").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 11:07
S17	5	("4926508") or ("5010602") or ("5073994") or ("5715544") or ("5875499").PN.	USPAT; USOCR	OR	OFF	2009/07/28 11:08
S18	1	("4821676").PN.	USPAT; USOCR	OR	OFF	2009/07/28 12:01
S19	1	("5060320").PN.	USPAT; USOCR	OR	OFF	2009/07/28 12:04

S20	21	("3340545"   "3369260"   "3601820"   "3883903"   "3932901"   "4185340"   "4710988"   "4787103").PN. OR ("5060320").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 12:05
S21	24	("0209870"   "2302695"   "3038170"   "3184761"   "3191906"   "3214133"   "3214772"   "3217337"   "3308481"   "3397861").PN. OR ("3599248").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 12:07
S22	88	4/308.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 12:11
S23	1131674	ball	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 12:11
S24	3	S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 12:11
S25	143687	bond\$3 same laminat \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 12:42
S26	613	4/420.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 12:42
S27	1	S26 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 12:42
S28	1655718	seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 12:43

S29	7574	S25 SAME S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 12:43
S30	59077	"4"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 12:43
S31	21	S30 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 12:43
S32	41558	bond\$3 adj8 laminat \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 13:07
S33	1655718	seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 13:07
S34	1625	S32 same S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 13:07
S35	688	S32 WITH S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 13:07
S36	42703	plumbing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 13:07
S37	2	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 13:07
S38	20999	seal with laminat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 13:09
S39	0	S26 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 13:09
S40	22	S30 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/28 13:09
S41	1	("5906011").PN.	USPAT; USOCR	OR	OFF	2009/07/29 15:56

S42	1086045	offset	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/29 16:35
S43	613	4/420.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/29 16:35
S44	26	S43 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/29 16:35
S45	20	((GEORGE) near2 (GRECH)).INV.	US-PGPUB; USPAT	OR	ON	2010/02/25 10:47
S46	42	(US-20080047053-\$ or US-20040088783-\$ or US- 20030000008-\$ or US-20070240255-\$). did. or (US-6584623-\$ or US-6397405-\$ or US-5933882-\$ or US-5906011-\$ or US- 3860973-\$ or US- 3599248-\$ or US- 3308481-\$ or US- 4710987-\$ or US- 4930167-\$ or US- 5715544-\$ or US- 5875499-\$ or US- 6145138-\$ or US- 5073994-\$ or US- 5010602-\$ or US- 4926508-\$ or US- 5060320-\$ or US- 6349429-\$ or US- 5974596-\$ or US- 5983413-\$).did. or (US-3308481-\$ or US-0155814-\$ or US- 0158896-\$ or US- 0233470-\$ or US- 0260602-\$ or US- 0271915-\$ or US- 0382089-\$ or US- 1159445-\$ or US- 1254609-\$ or US- 1435644-\$ or US- 1949246-\$ or US- 2075061-\$ or US- 2182979-\$ or US- 3334358-\$ or US- 3411162-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/02/25 10:50

		3538518-\$).did. or (GB-2045311-\$).did. or (JP-05230862-\$ or JP-06158702-\$). did.				
S47	50286	ball adj valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/25 10:50
S48	2	S46 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/25 10:50
S49	24	("0209870"   "2302695"   "3038170"   "3184761"   "3191906"   "3214133"   "3214772"   "3217337"   "3308481"   "3397861").PN. OR ("3599248").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/25 10:50
S50	23206	common with actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/17 16:29
S51	624	4/420.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/17 16:29
S52	1	S51 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/17 16:29
S53	12	("3663970"   "3772711"   "3798681"   "4222130"   "4313233"   "4785483"   "5592700"   "5909968"   "5956780"   "5960483").PN. OR ("6212700").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 16:33

S54	30	("0832897"   "0936706"   "1377185"   "2078415"   "3224013"   "3397410"   "3577568"   "3593345").PN. OR ("3798681").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 16:41
S55	209	4/431.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 16:47
S56	23206	common with actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/17 16:47
S57	1	S55 and S56	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 16:47
S58	12833	4/300-442.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 16:48
S59	11	S56 and S58	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 16:48

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10411	bowl.clm.	USPAT; UPAD	OR	ON	2010/09/01 10:09
L2	80787	ball.clm.	USPAT; UPAD	OR	ON	2010/09/01 10:09
L3	215671	common.clm.	USPAT; UPAD	OR	ON	2010/09/01 10:09
L4	101857	actuator.clm.	USPAT; UPAD	OR	ON	2010/09/01 10:10
L5	94660	cable.clm.	USPAT; UPAD	OR	ON	2010/09/01 10:10
L6	0	1 and 2 and 3 and 4 and 5	USPAT; UPAD	OR	ON	2010/09/01 10:10

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